Received Feb. 23, 1769.——Read April 20, 1769.

XIV. *Abſtract from a Meteorological Regiſter kept at the Royal Hoſpital near* Plymouth, *during the Year* 1768. *By* W. Farr, *M. D. Communicated by* W. Watſon, *M. D. F. R. S.*

N. B. Obſervations were made twice every day at 9 a. m. and 11 p. m.——The ſtate of the Thermometer, mentioned in the column, is taken from one placed within doors, in an open ſtair-caſe, free from the rays of the ſun.

1768	Barom. and Thermom.			Rain. Inches.	Weather, with Remarks.
January	3 Higheſt ſtate of Barom.	30	10		January 1ſt, after a rainy forenoon, wind S. E. the froſt ſet in towards evening, wind N. and continued till the 8th, the loweſt ſtate of the thermometer without doors was 20, on the 3d and 4th. During the reſt of the month much rain and ſqually weather, wind for the moſt part weſterly. On the 20th, a violent ſtorm, wind N. N. W. 4. when the Fame man of war was driven from her moorings in Hamoaze.
	1 Loweſt ſtate of D°	29	00		
	29 Higheſt ſtate of Therm.	50			
	3 Loweſt ſtate of D°	29		5·755	

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1768	Barom. and Thermom.			Rain. Inches.	Weather, with Remarks.
February 5	H. ſtate of Barom.	30	41		The firſt week clear and froſty weather, wind N. and moderate; loweſt ſtate of thermometer without doors 31; during the remainder of the month couſtant and heavy rains; from the 7th to the 28th but one fair day; wind, for the moſt part, W. and S. W. from the 9th to the 13th blew freſh.
10	L. ſtate of D°	29	20		
11	H. ſtate of Thermom.	53			
3	L. ſtate of D°	39		5.040	
March 19	H. ſtate of Barom.	30	40		This month proved remarkably dry; although a few drops of rain fell on the 1ſt, 12th, 15th, and 31ſt, yet the quantity was too inconſiderable to be collected in the receiver. From the 14th to the 18th the wind was W. the reſt of the month E. and N. E. with fine moderate froſty weather.
15	L. ſtate of D°	29	74		
18	H. ſtate of Thermom.	52			
3, 6, 7	L. ſtate of D°	39			
April 15	H. ſtate of Barom.	30	16		Wind continued eaſterly till the 10th, with dry weather; from that time, to the end of the month, for the moſt part, weſterly, with frequent ſqualls of wind and rain. 19th W. by N. 3. 28th 5. 3.
29	L. ſtate of D°	29	27		
16	H. ſtate of Thermom.	56			
9	L. ſtate of D°	46		3.633	
					Air, the beginning of this month, extremely ſharp and cold, with wind freſh at N. E.; remarkable Aurora Borealis in the nights of the 3d, 4th, and

1768.		Barom. and Thermom.			Rain. Inches.	Weather, with Remarks.
May	19	H. ſtate of Barom.	30	15		and 5th; on the 6th the Thermometer, which had ſtood at 47 and 49 the preceding days, roſe, at once, to 60, and the air was very ſoft and warm; the Aurora Borealis appeared very vivid again on the 24th, with a large and bright halo round the Moon, when the Thermometer roſe to 70. Fair the whole month, except the 17th and 29th; wind variable.
	29	L. ſtate of D°	29	17		
	24	H. ſtate of Thermom.	70			
	1	L. ſtate of D°	47		0.815	
June	2	H. ſtate of Barom.	30	13		From the 6th of this month the rainy ſeaſon commenced; wind, for the moſt part, S. and S. W. 24th, a heavy thunder-ſtorm, wind S. E. 28th, ſtormy weather, with much rain, wind W. 3. Thermometer ſtood at 57, and below 60, the greateſt part of the month.
	9	L. ſtate of D°	29	24		
	24	H. ſtate of Thermom.	64			
	often	L. ſtate of D°	57		4.340	
July	21	H. ſtate of Barom.	30	08		1ſt, very hot and ſultry, with thunder; 2d, 9th, 13th, 15th, 16th, 20th, 30th, fair; the reſt rainy. 7th, 12th, and 25th, very tempeſtuous; wind, during the reſt of the month, moderate, and, for the moſt part, S. W.
	7	L. ſtate of D°	29	29		
		H. ſtate of Thermom.	64			
		L. ſtate of D°	61		4.742	

1768.	Barom. and Thermom.		Rain. Inches.	Weather, with Remarks.
Auguſt 8	H. ſtate of Barom.	30 08		From the 13th to the 21ſt, weather hot and ſultry; thermometer being, for the moſt part, at 67, mornings and evenings (middle of the day not obſerved); from the 16th to the end of the month frequent ſhowers almoſt every day. Wind variable, but, for the moſt part, moderate.
23	L. ſtate of D°	29 40		
frequently	H. ſtate of Thermom.	67		
29	L. ſtate of D°	59	3.005	
Septemb. 14	H. ſtate of Barom.	30 10		From the 1ſt to the 25th, only four fair days, viz. 3d, 9th, 14th, and 20th, the reſt heavy and, often, conſtant rains, with ſqually weather, particularly 15th, 16th, 17th, wind W. 3. 22d, E. 3. From 25th to October 3d, fair weather.
16	L. ſtate of D°	29 05		
1, 11, 29	H. ſtate of Thermom.	63		
19	L. ſtate of D°	54	6.060	
October 19	H. ſtate of Barom.	30 10		Although ſo great a quantity of rain fell this month, yet there were 13 fair days; but the rains the reſt of the month were very heavy, particularly, from the 22d to the 31ſt, near four inches of rain were collected in the receiver. 5th, 6th, 18th, and 30th, ſtormy.
4	L. ſtate of D°	29 04		
7	H. ſtate of Thermom.	62		
28	L. ſtate of D°	49	7.350	
				4th, at 4 p. m. during heavy ſqualls of rain and wind W. by S. 3. the ☿ fell in the barometer to 29.11; towards evening wind changing to W. by N. it became fair; on the 5th, at 4 p. m. the

1768	Barom. and Thermom.		Rain. Inches.	Weather, with Remarks.
November 5	H. ſtate of Barom.	30 34		the ☿ roſe to 30.13, or above an inch, in 24 hours; and on the 6th 30.34. On the 22d, at 4 p. m. the ☿ fell in the barometer to 28.20, wind N. W. 2″, ſqually weather from the 21ſt to the 26th, but much more ſtormy on the 21ſt than afterwards. This was the loweſt ſtate of the barometer in theſe parts, ſince December 12, 1763, when the ☿ fell to 27.96. Only ſix fair days during the month.
22	L. ſtate of D°	28 20		
28	H. ſtate of Thermom.	55		
23	L. ſtate of D°	44	6.490	
December 12	H. ſtate of Barom.	30 31		1ſt, thunder-ſtorm in the night, wind S. 3. On the 14th, froſt ſet in very ſharp, wind E. by N. but the wind changing to S. E. on the 15th, rain ſucceeded. Thermometer, without doors, not obſerved. Wind, from the 7th to the 17th, eaſterly; the reſt of the month rain, for the moſt part, with weſterly winds. Eleven fair days this month.
2	L. ſtate of D°	28 94		
23	H. ſtate of Thermom.	83		
14	L. ſtate of D°	34	3.985	
			51.215	Total quantity of rain, during the year 1768.